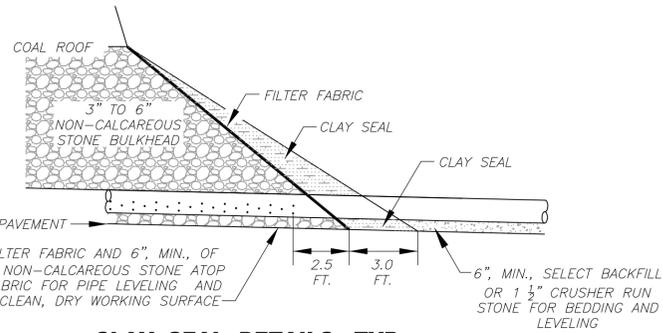


PLAN VIEW TOP OF BULKHEAD ELEVATION

SCALE: 1" = 6 FT.

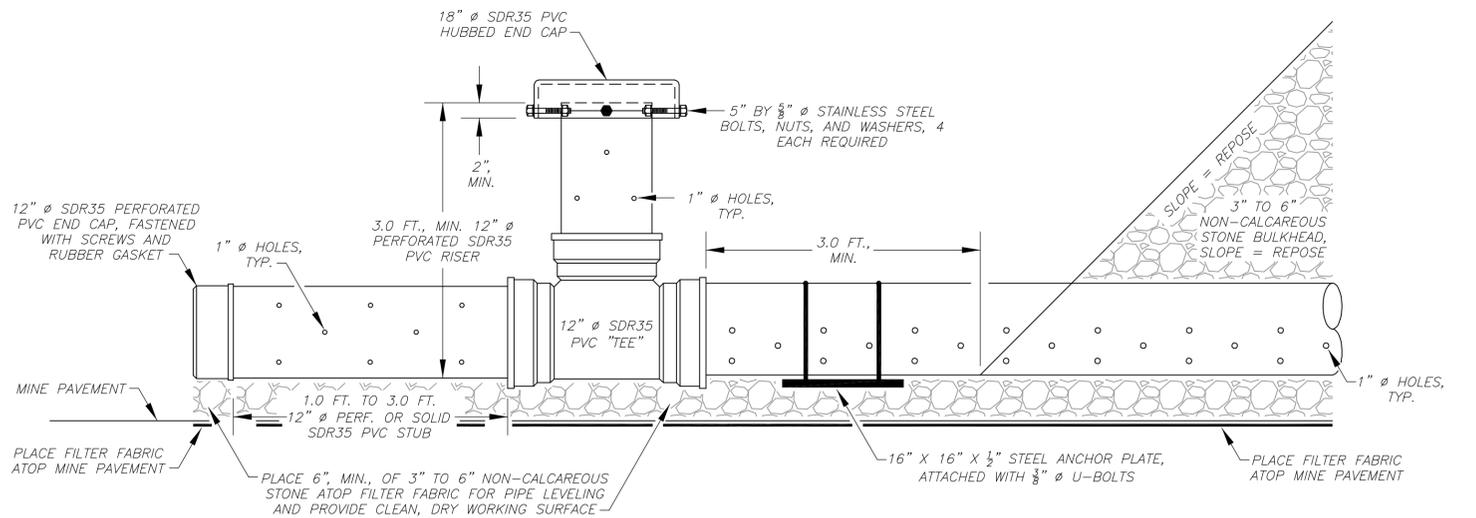
NOTES:

1. THE TWO (2) JOINTS (28.0 FEET) OF MINE SEAL OUTLET PIPES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "WET MINE SEALS" REGARDLESS OF WHERE THESE PIPES END IN THE INSTALLATION.
2. THE MINE SEAL CONVEYANCE PIPE LENGTHS VARY AND SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "MINE SEAL CONVEYANCE PIPES". MINE SEAL CONVEYANCE PIPES BEGIN AT THE END OF THE MINE SEAL OUTLET PIPES AND EXTEND TO THE PLANNED OUTFALL.
3. THE PERFORATED END CAP LOCATED INSIDE THE MINE AT THE END OF THE ONE TO THREE FOOT (1.0' TO 3.0') STUB SHALL HAVE A RUBBER GASKET, PLACED ON THE UPSTREAM END OF THE STUB AND SCREWED IN PLACE.
4. THE STONE BULKHEAD SHALL BE IN CONTACT WITH COAL ROOF FOR A DISTANCE EQUAL TO THE OPENING HEIGHT OR A MINIMUM OF 6.0 FEET. THE INSIDE AND OUTSIDE STONE BULKHEAD FACES SHALL BE CONSTRUCTED AT THE ANGLE OF REPOSE OF THE 3" TO 6" NON-CALCAREOUS STONE PLACED.
5. 1 1/2" CRUSHER RUN STONE SHALL MEET THE GRADATION REQUIREMENTS FOR CLASS 1 AGGREGATE IN TABLE 704.6.2A OF THE WVDOT SPECIFICATIONS FOR ROADS AND BRIDGES.



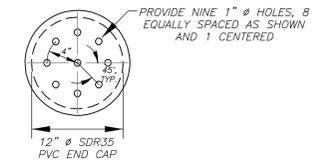
CLAY SEAL DETAILS, TYP.

SCALE: 1" = 4 FT.



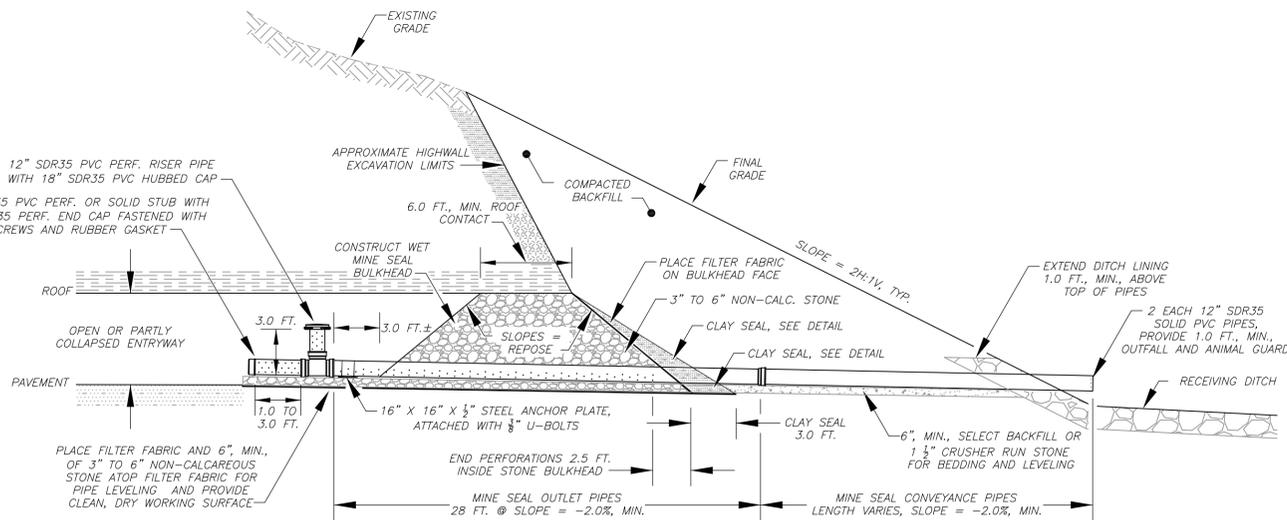
**DETAIL XX
"TEE" RISER DETAIL**

SCALE: 1" = 1 FT.



PERFORATED END CAP

SCALE: 1" = 1 FT.

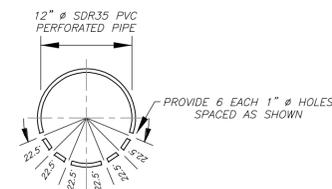


PROFILE VIEW, TYP.

SCALE: 1" = 6 FT.

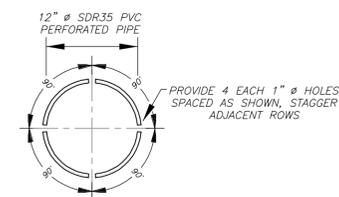
**DETAIL XX
WET MINE SEAL**

SCALE AS NOTED



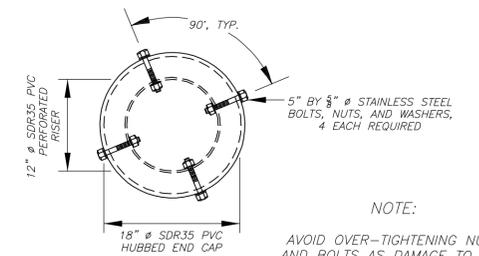
**WET MINE SEAL OUTLET PIPES
CROSS SECTION, TYP.**

SCALE: 1" = 1 FT.



**WET MINE SEAL RISER PIPES AND STUBS
CROSS SECTION, TYP.**

SCALE: 1" = 1 FT.

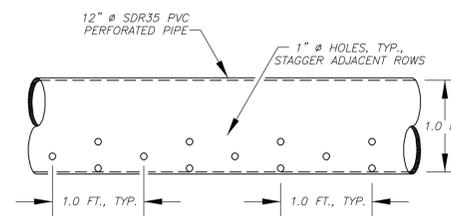


RISER CAP DETAIL

SCALE: 1" = 1 FT.

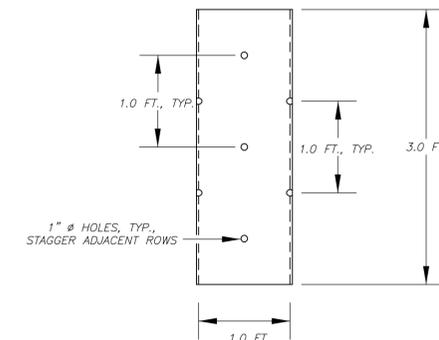
NOTE:

AVOID OVER-TIGHTENING NUTS AND BOLTS AS DAMAGE TO THE 18" Ø SDR35 PVC HUBBED CAP MAY OCCUR



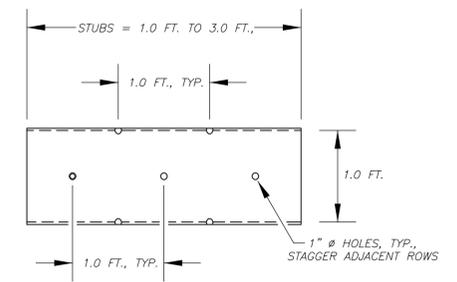
**WET MINE SEAL OUTLET PIPES
LONGITUDINAL VIEW, TYP.**

SCALE: 1" = 1 FT.



**WET MINE SEAL RISER PIPES
ELEVATION VIEW, TYP.**

SCALE: 1" = 1 FT.



**WET MINE SEAL STUBS
LONGITUDINAL VIEW, TYP.**

SCALE: 1" = 1 FT.

**DETAIL XX
WET MINE SEAL PIPE DETAILS, TYP.**

SCALE: AS NOTED